

**To:** Petersen, Chris[petersen.chris@epa.gov]  
**From:** Webster, Susan  
**Sent:** Sat 8/15/2015 2:55:08 AM  
**Subject:** Fwd: Data Analysis Process

Fyi

Sent from my iPhone

Begin forwarded message:

**From:** "Ruhl, Christopher" <Ruhl.Christopher@epa.gov>  
**Date:** August 14, 2015 at 9:46:35 PM CDT  
**To:** "Delgado, Eric" <Delgado.Eric@epa.gov>  
**Cc:** "Gray, David" <gray.david@epa.gov>, "Crossland, Ronnie" <Crossland.Ronnie@epa.gov>, "Ostrander, David" <Ostrander.David@epa.gov>, "Edlund, Carl" <Edlund.Carl@epa.gov>, "Coleman, Sam" <Coleman.Sam@epa.gov>, "Webster, Susan" <webster.susan@epa.gov>, "Smith, Monica" <smith.monica@epa.gov>, "Petersen, Chris" <petersen.chris@epa.gov>, "Burgo, Daniel" <Burgo.Daniel@epa.gov>, "Nattis, Randy" <Nattis.Randy@epa.gov>, "McComb, Martin" <McComb.Martin@epa.gov>, "Allen, HarryL" <Allen.HarryL@epa.gov>  
**Subject:** Re: Data Analysis Process

Eric, we need to verify this in the morning. Currently we are still providing HQ data w/messaging.

Sent from my iPhone

On Aug 14, 2015, at 8:41 PM, Delgado, Eric <Delgado.Eric@epa.gov> wrote:

That is exactly my understanding now.

Previously we would wait for HQ to post the data to the Gold King Mine main page.

That process made it extremely difficult to provide the field to communicate findings publicly because we were never involved in dissemination process via the website.

This clarification allows the REOC to provide updates and communicate results to stakeholders without having to wait for the results to appear on the web page.

Currently there is a lengthy lag time before data is concurred upon by HQ EOC after UAC Submission and when the data tables are posted to the website.

Sent from my iPhone

On Aug 14, 2015, at 21:35, Gray, David <[gray.david@epa.gov](mailto:gray.david@epa.gov)> wrote:

What does this mean? I understood Hq EOC and UAC had to sign off on both data and explanation prior to public release.

Sent from my iPhone

On Aug 14, 2015, at 9:31 PM, Delgado, Eric <[Delgado.Eric@epa.gov](mailto:Delgado.Eric@epa.gov)> wrote:

FYI

OEM has clarified that once data is validated by the regions and concurred on by HQ the data is considered releasable to the public.

Sent from my iPhone

Begin forwarded message:

**From:** "Woodyard, Josh" <[Woodyard.Joshua@epa.gov](mailto:Woodyard.Joshua@epa.gov)>  
**Date:** August 14, 2015 at 18:44:06 CDT  
**To:** "Wagner, Christine" <[Wagner.Christine@epa.gov](mailto:Wagner.Christine@epa.gov)>  
**Cc:** "Delgado, Eric" <[Delgado.Eric@epa.gov](mailto:Delgado.Eric@epa.gov)>, "Ostrander, David" <[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)>  
**Subject:** Re: Data Analysis Process

I agree Chris, we have the same understanding and I confirmed with Terry.

Joshua Woodyard, Associate Director  
Preparedness and Response Operations Division (PROD)  
Office of Emergency Management  
202-510-4306 cell  
202-564-9588 work

Sent from my iPhone, please excuse typos

On Aug 14, 2015, at 5:42 PM, Wagner, Christine  
<[Wagner.Christine@epa.gov](mailto:Wagner.Christine@epa.gov)> wrote:

Eric

I will defer to Josh on the final answer on this, but my understanding is that once the data is validated and has Regional and HQ approval, it is available.

Please note that potable well data has NOT been yet released

Thank you  
Chris

On Aug 14, 2015, at 2:20 PM, Delgado, Eric  
<[Delgado.Eric@epa.gov](mailto:Delgado.Eric@epa.gov)> wrote:

Josh/David/Chris,

While browsing the [epa.gov/goldkingmine](http://epa.gov/goldkingmine) site we noticed that OEM in coordination with the PIO stood up a rudimentary interactive mapping application  
<image1.jpeg>

I have been informed by UAC that we can replace that application with the draft Public viewer that we have been waiting to deploy since early this week.

I need help understanding the public releasability of data.

Is data considered Public/Releasable after UAC receives feedback from HQ EOC/ORD on final interpretation/messaging? I've included the data analysis process from the OEM OD.

The Goldking main page has individual spreadsheets that present unnecessary data processing to generate the map. From a data integrity aspect we strongly recommend that we work the geospatial public dissemination process we have been working since the incident occurred.

Please confirm that data is considered public/releasable once the HQ EOC/ORD provides feedback to UAC on final interpretation/messaging.

Thank you.

Begin forwarded message:

**From:** "Cheatham, Reggie"  
<[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)>  
**Date:** August 12, 2015 at 6:38:11 PM MDT  
**To:** "Ostrander, David"  
<[Ostrander.David@epa.gov](mailto:Ostrander.David@epa.gov)>  
**Cc:** "Ruhl, Christopher"  
<[Ruhl.Christopher@epa.gov](mailto:Ruhl.Christopher@epa.gov)>, "Tulis, Dana"  
<[Tulis.Dana@epa.gov](mailto:Tulis.Dana@epa.gov)>  
**Subject:** Data Analysis Process

**Dave this is the message that Mathy want operationalized with everyone working this response and connected to UAC. Call if we need to discuss. Formally get this out under your authority.**

**Thanks**

**Process to analyze data:**

As agreed to by HQ EOC, UAC, Regions 6, 8 and 9, the regional EOC environmental units (EU) will follow the data format used during the Deepwater Horizon response (since staff were also involved in that response, this format will be familiar to them) and will conduct validation on data collected and analyzed during the response. The process will be expedited for data validation by having each environmental unit in each of regional EOCs validate and then send such data with interpretations to UAC simultaneous with HQ EOC. UAC would review the data and interpretation with all participants in UAC, HQ EOC would simultaneously review the data and work with UAC on final interpretation. ORD is engaged in this process. Messaging

would be developed through PIO working in coordination with PIO in HQ EOC. Once completed data and interpretation/messaging would be conveyed through UAC. Data displays for key chemicals of concern, GIS overlays, and a color coding chart will be part of the data packages. The UAC PIO will post the data on the EPA Gold King Mine website. Notification prior to posting will be made via the UAC to States, Tribes, and congressional contacts and the HQ EOC. Trending messages will also be developed once there is sufficient data for the analysis.

Reggie Cheatham, Director

Office of Emergency Management, USEPA

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[cheatham.reggie@epa.gov](mailto:cheatham.reggie@epa.gov)